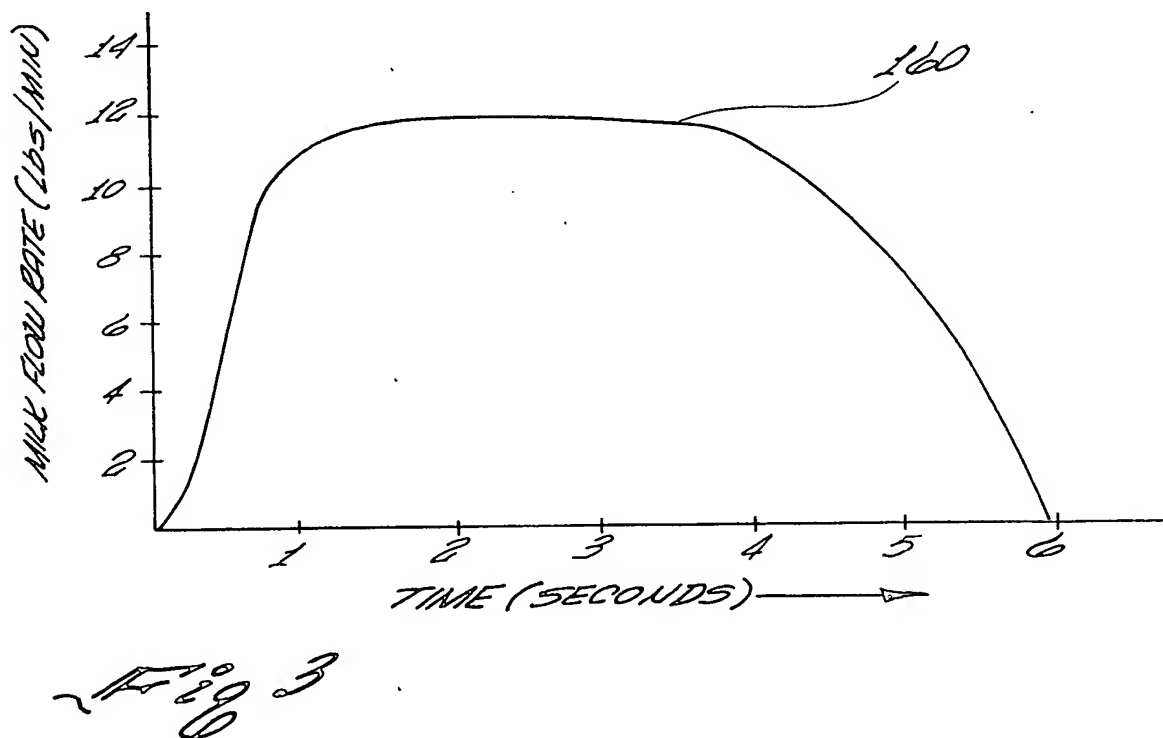
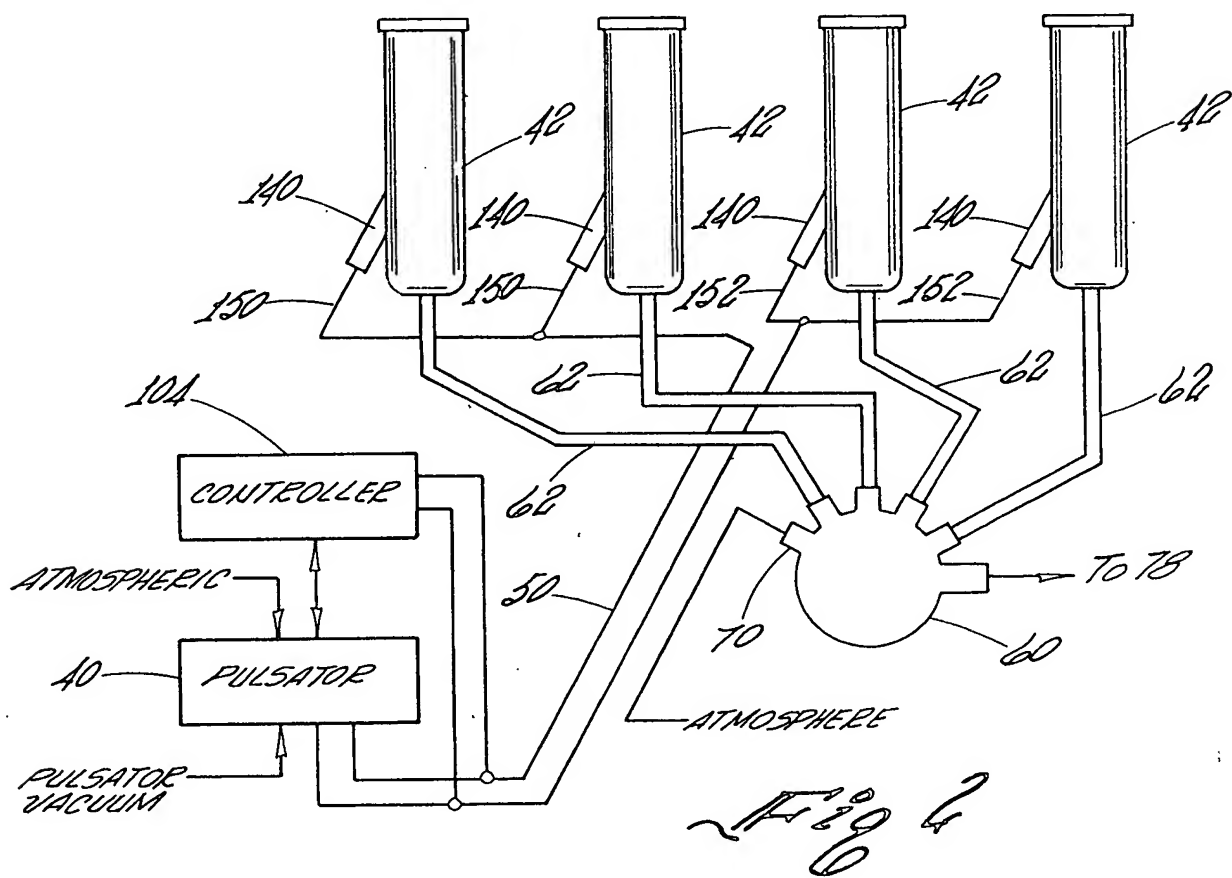


Fig 1



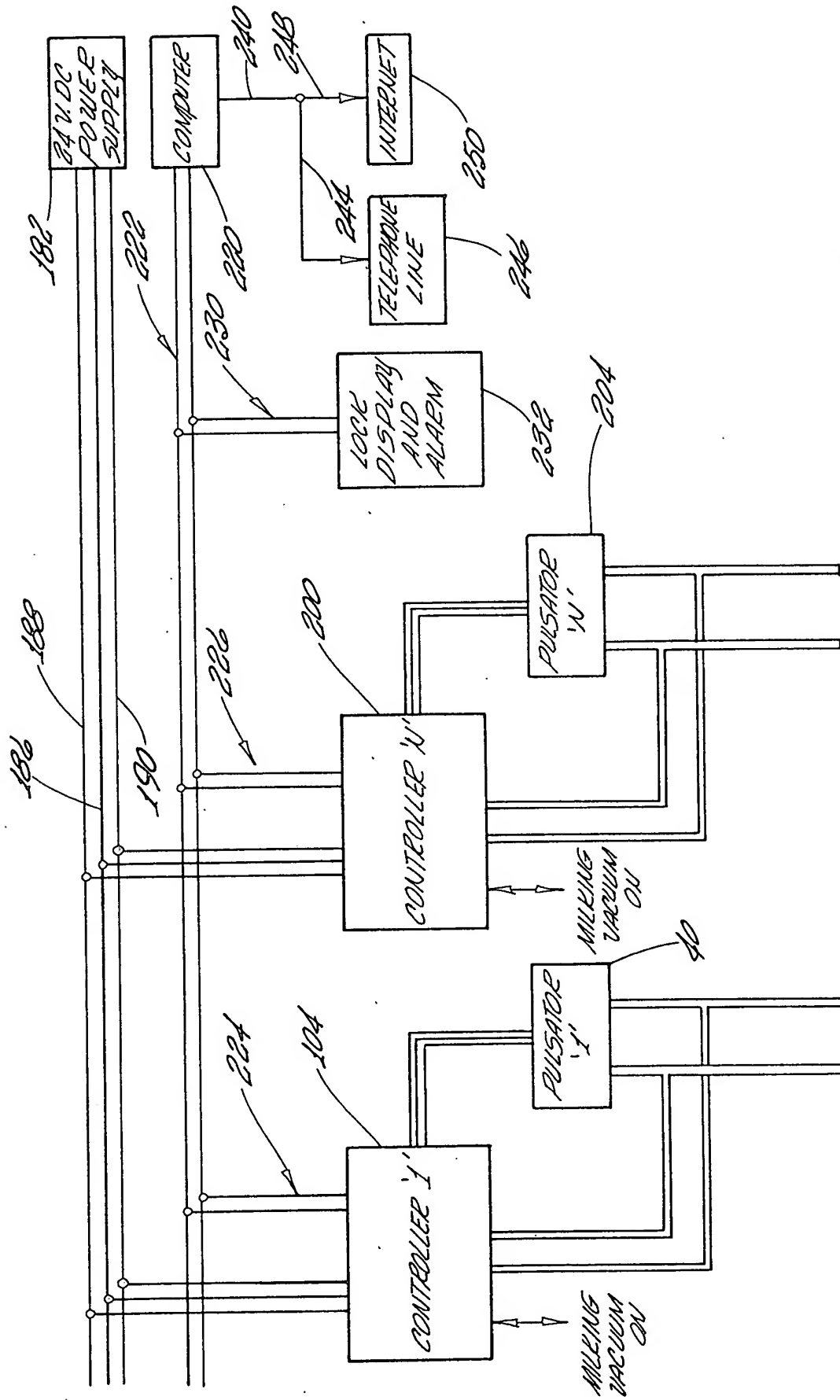


Fig 7

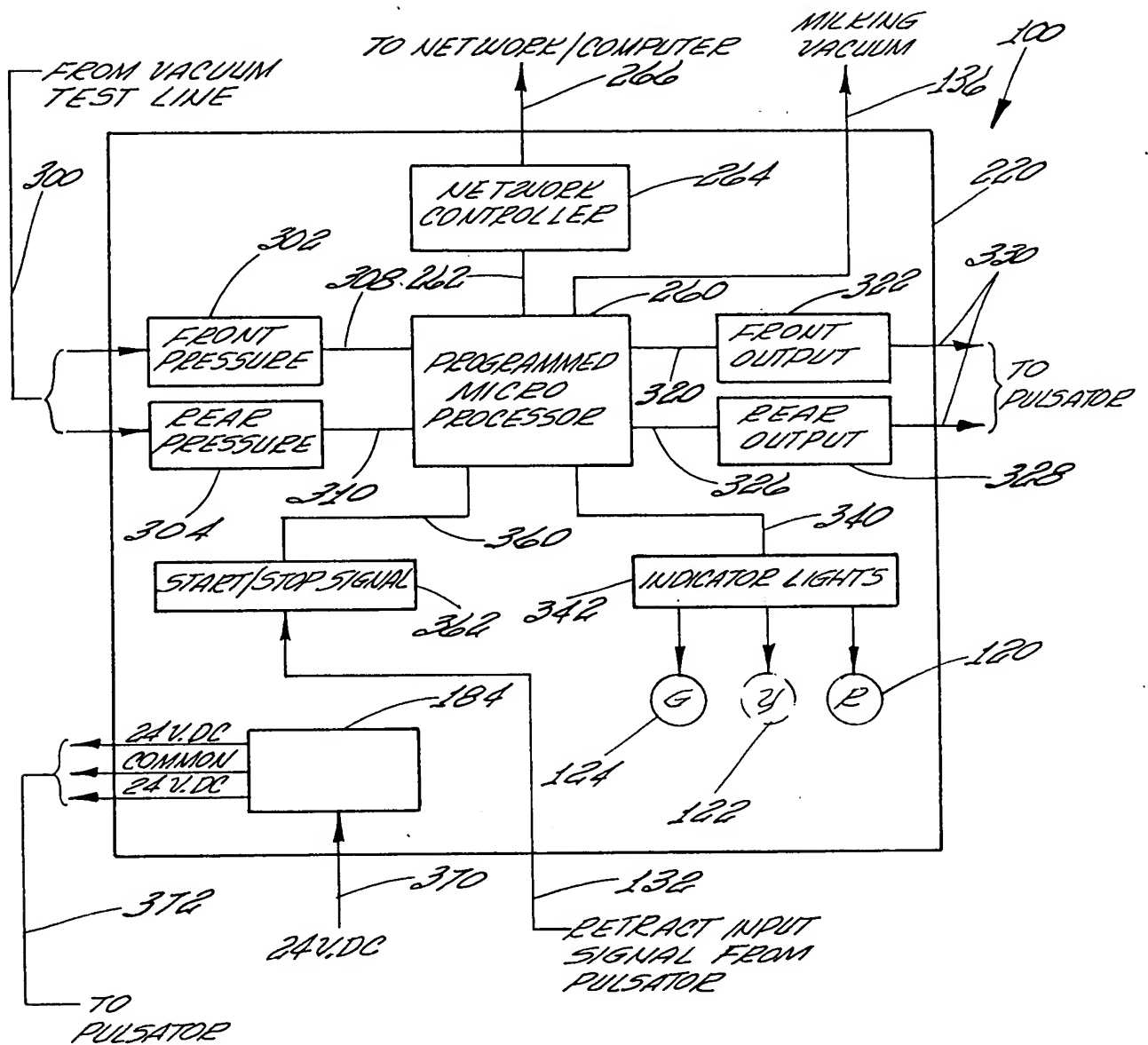
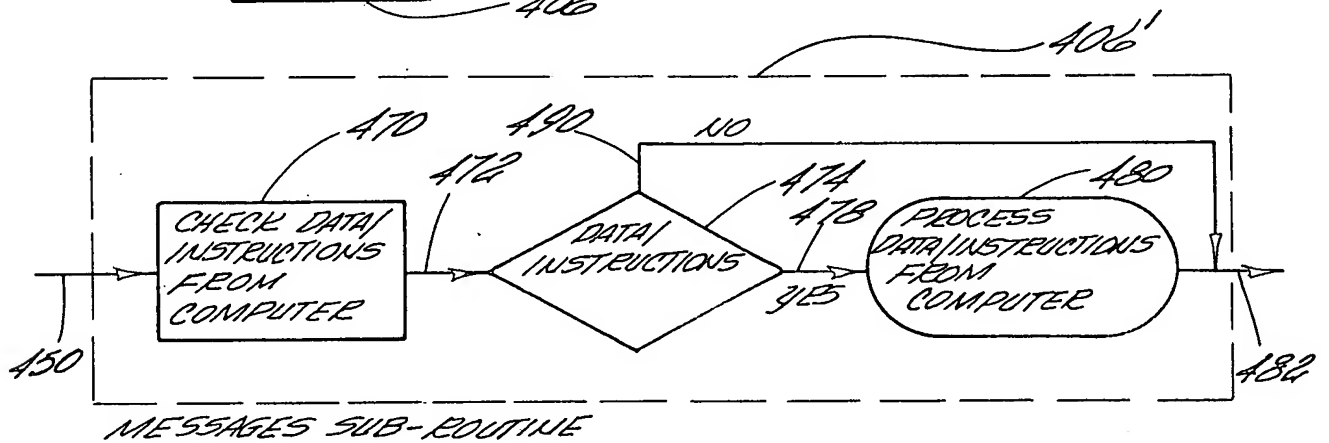
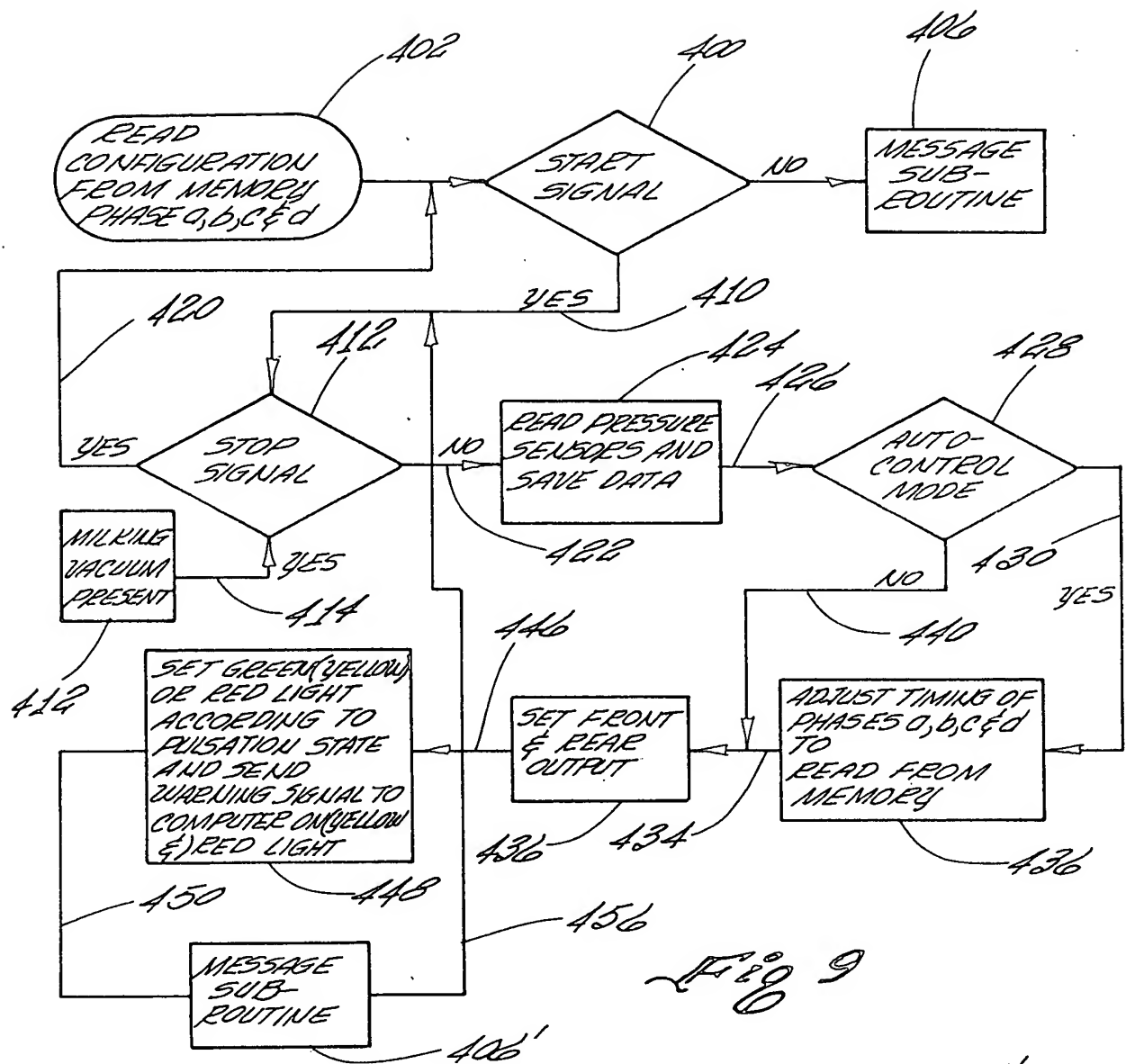


Fig 8



Alarm Configurations

500

Setting Rates and Ratios

PPM >>	60
F. Ratio >>	60%
R. Ratio >>	40%

Setting System Variables

"A" time >>	100	< Note : every system is different
"C" time >>	130	< Note : every system is different

Setting Alarm Parameters

Yellow % >>	85%
Red % >>	70%

514

Ideal	ms
A + B	600
A phase	100
B phase	500

510

Yellow Warning	
min	max
85	118
425	588

512

Red Warning	
min	max
70	143
350	714

516

C + D	ms
C phase	130
D phase	270

Yellow Warning	
min	max
111	153
230	318

Red Warning	
min	max
91	186
189	386

Fig 11

Pulsator Monitor Stall: 01

Monitor
Configuration
Alarm Log

Pulsation

PPM:

Rate On: %

Rate Off: %

☒ Do Pulsation

READ

SET

Alarms

Cycles to Average:

☒ Show Cycle

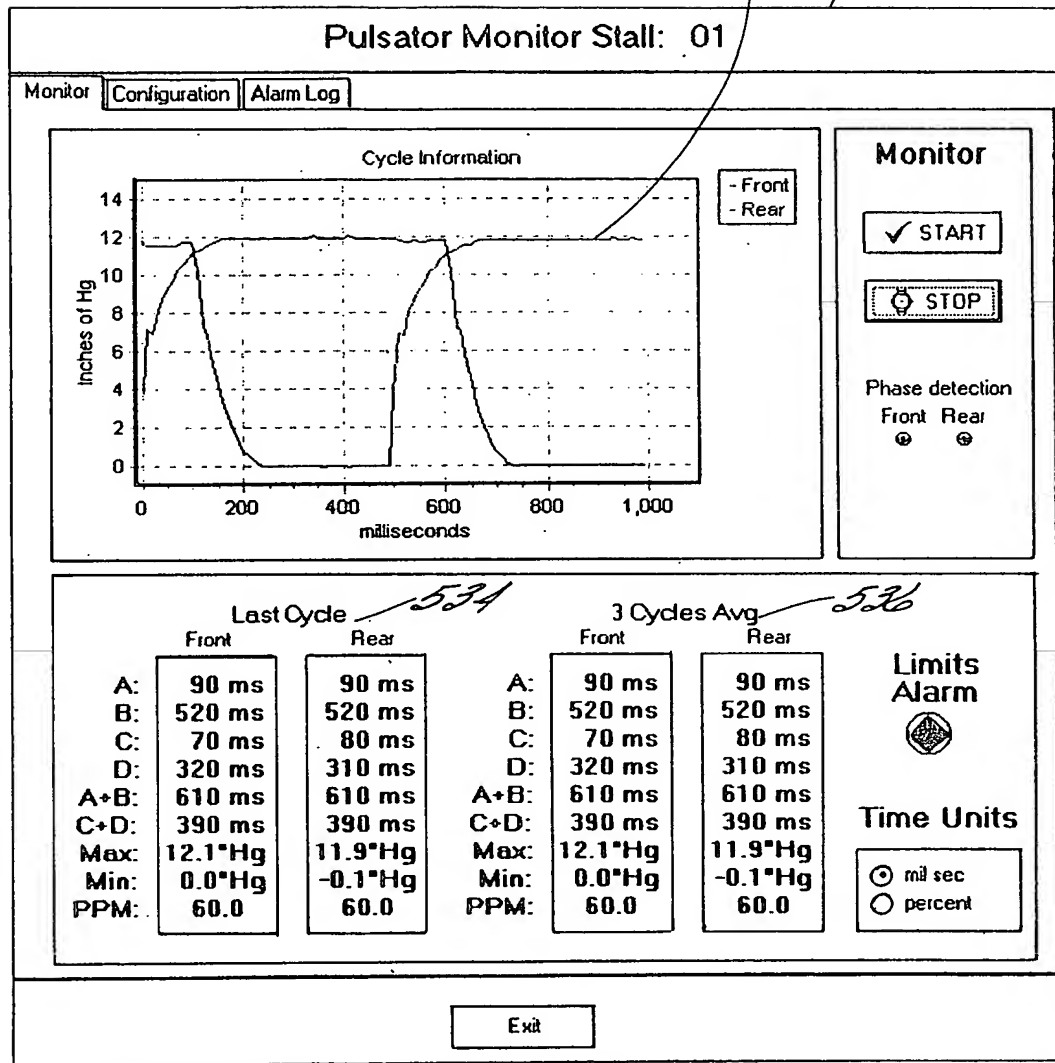
	YELLOW		RED		
	MIN	MAX	MIN	MAX	
PHASE A	<input type="text" value="60"/>	<input type="text" value="100"/>	<input type="text" value="50"/>	<input type="text" value="130"/>	msec
PHASE B	<input type="text" value="430"/>	<input type="text" value="600"/>	<input type="text" value="350"/>	<input type="text" value="730"/>	msec
PHASE C	<input type="text" value="60"/>	<input type="text" value="100"/>	<input type="text" value="50"/>	<input type="text" value="130"/>	msec
PHASE D	<input type="text" value="260"/>	<input type="text" value="370"/>	<input type="text" value="220"/>	<input type="text" value="440"/>	msec
Max Vacc	<input type="text" value="11.3"/>	<input type="text" value="12.7"/>	<input type="text" value="10.8"/>	<input type="text" value="12.8"/>	°Hg
Min Vacc	<input type="text" value="-0.3"/>	<input type="text" value="0.3"/>	<input type="text" value="-0.5"/>	<input type="text" value="0.5"/>	°Hg

READ

SET

Exit

Fig 16



~ Fig 13

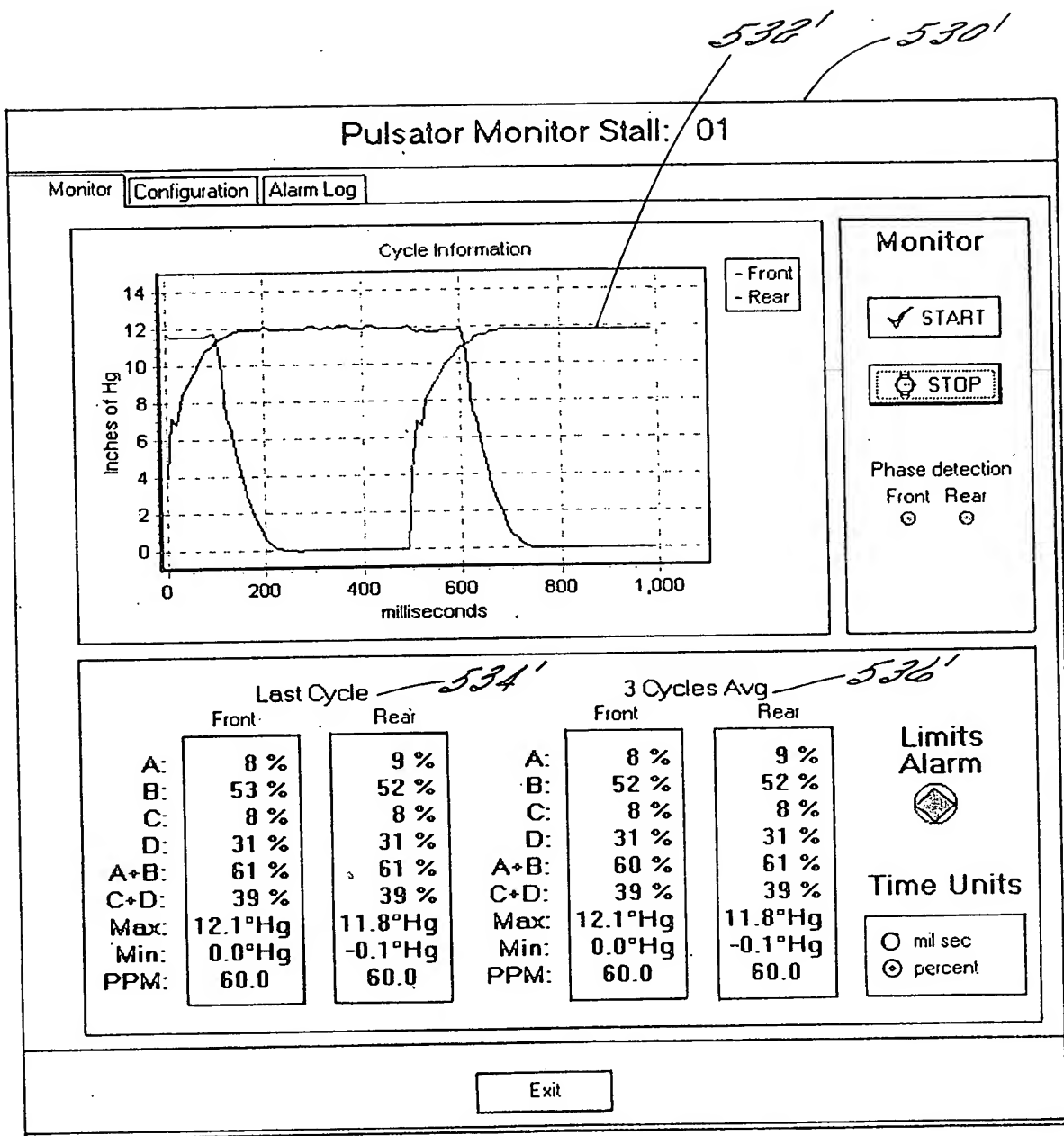


Fig 14

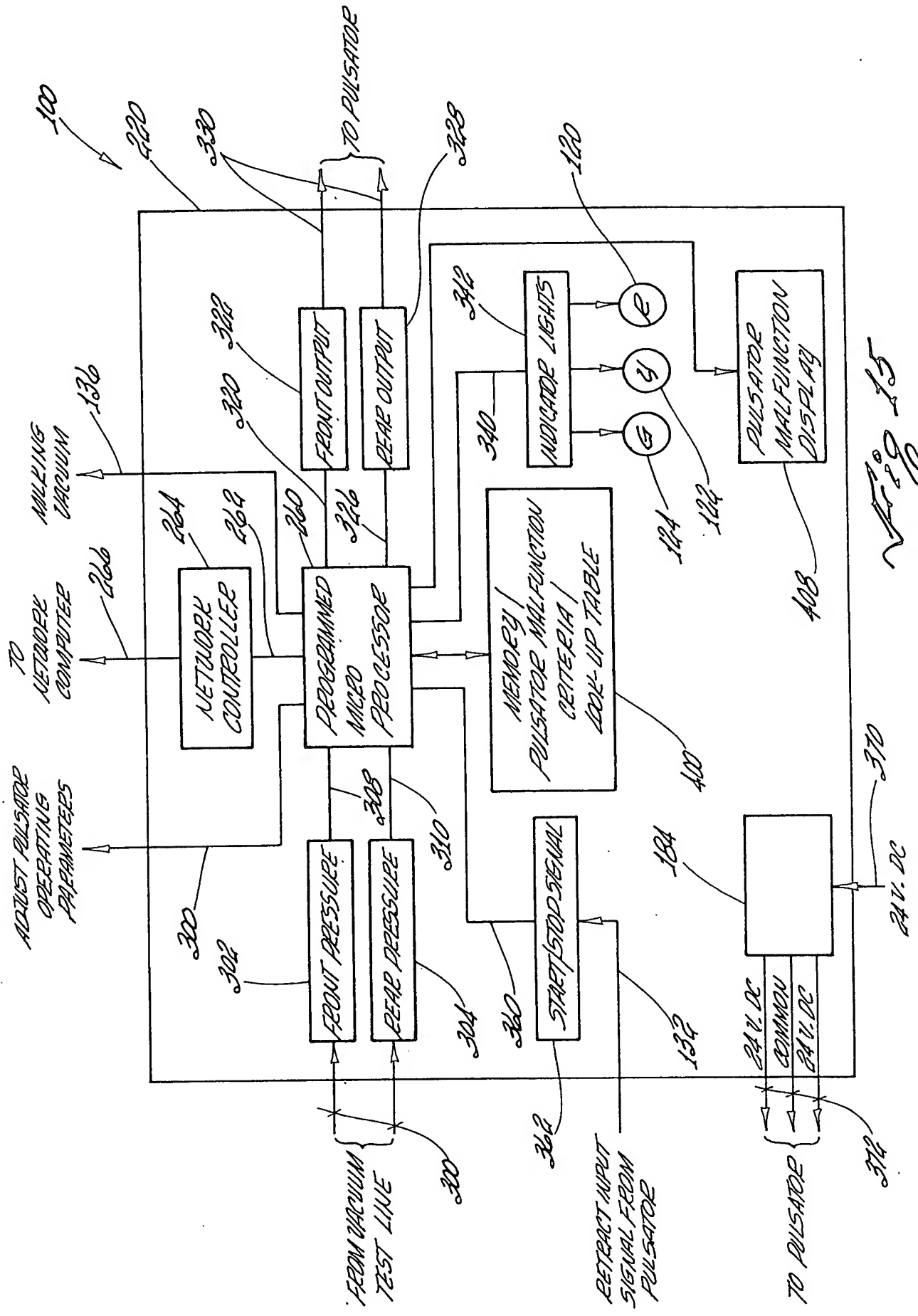
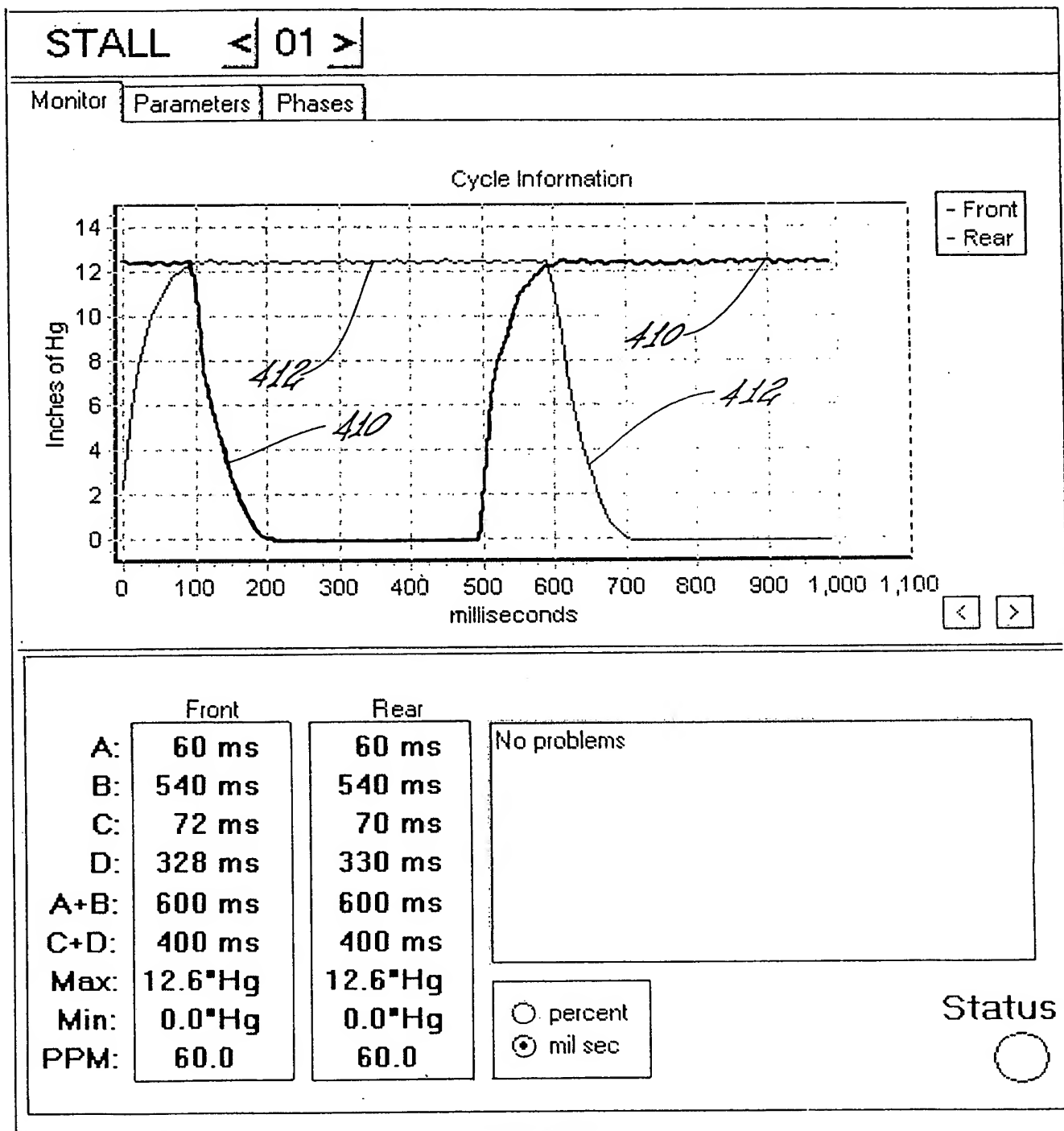


Fig 15



~Fig 16

STALL < 01 >	
Monitor Parameters Phases	
Pulsation	Alarms
<input checked="" type="checkbox"/> Do Pulsation	<input checked="" type="checkbox"/> Do Monitoring
<input checked="" type="checkbox"/> By Activation	<input checked="" type="checkbox"/> By Activation
<input type="checkbox"/> From Network	<input type="checkbox"/> From Network
<input checked="" type="checkbox"/> From VSO coil	<input checked="" type="checkbox"/> From VSO coil
<input checked="" type="checkbox"/> 0v Pulsate	<input checked="" type="checkbox"/> 0v Monitor
<hr/>	
PPM: 60	PPM: 60
Rate On: 60 %	Rate On: 60 %
Rate Off: 40 %	Rate Off: 40 %
Alarm Limits	
<div><div>Cycles to Average: 5</div><div>Rate On and PPM variation: 2 %</div><div>Phase D Max Vacc: 0.10 °Hg</div><div>Phase B Vacc Range: 12.26 - 12.76 °Hg</div></div> <div>Minimum Phases Phase A: 55 msec Phase B: 400 msec Phase C: 60 msec Phase D: 180 msec</div>	

Fig 17

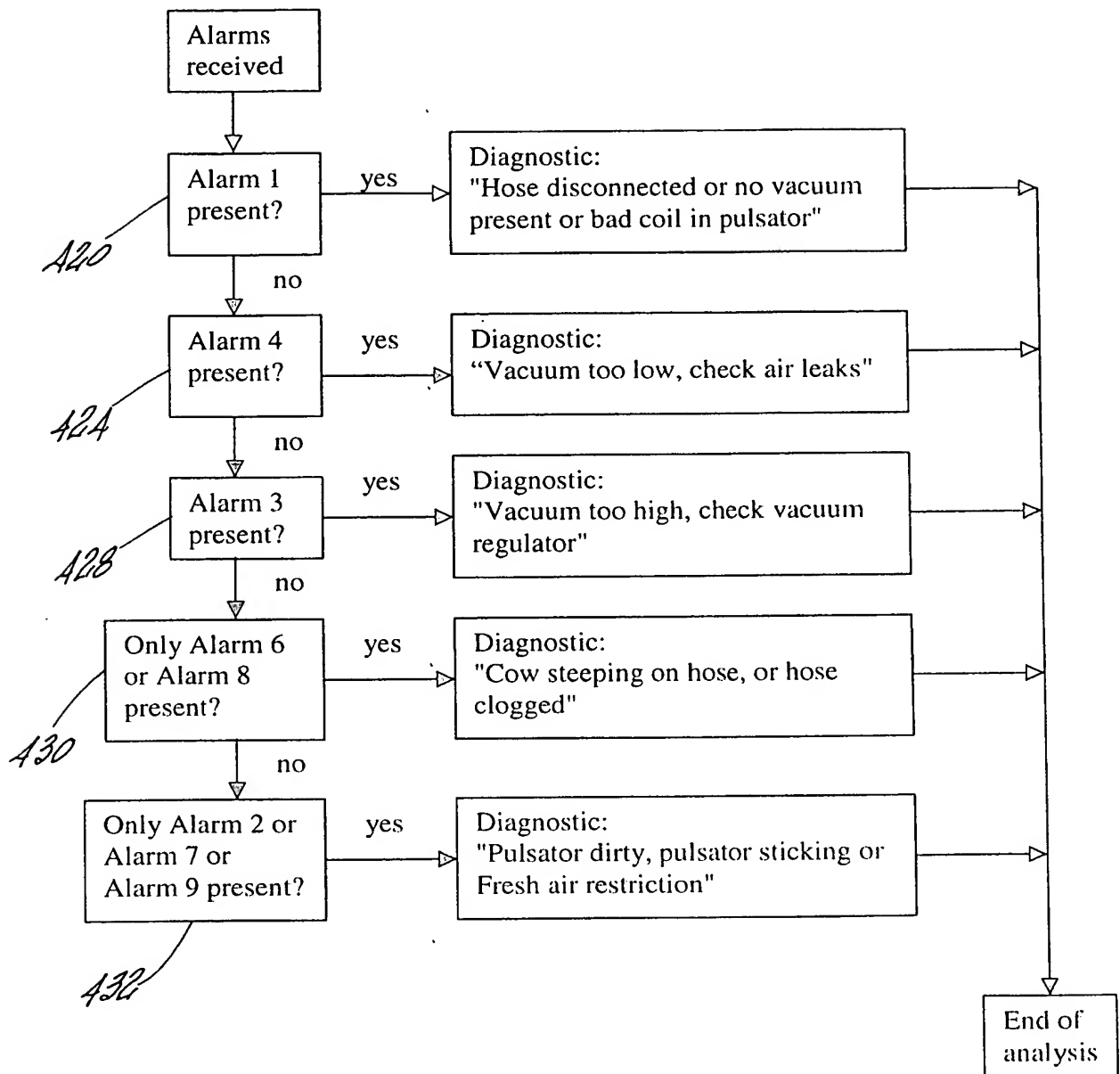


Fig 1B